Subject: Re: Inverse Map Projection Help Posted by Paul Levine on Mon, 25 Feb 2008 20:11:17 GMT View Forum Message <> Reply to Message

On 2008-02-25 06:56:50 -0800, mankoff <mankoff@gmail.com> said:

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> On Feb 24, 2:54�pm, Paul Levine <paul.lev...@ucla.edu> wrote:
>> On 2008-02-22 09:48:38 -0800, mankoff <mank...@gmail.com> said:
>>
>>
>>
>>>> Polar Stereographic projection with 71=B0S as the latitude of true s
> cale
>>>> and 0=B0E as the central meridian.
>>
>>> ;; this is the projection the data is distributed on
>>> stereo = map_proi_init('Polar Stereographic', /GCTP, DATUM=8, $
� �CENTER LONGITUDE=0, CEN
> TER_LATITUDE=-90)
>>
>> You must change the CENTER LATITUDE to -71
>>
>> Polar stereographic projections are free of aereal distortion at only
>> one latitude, with aereal distortion increasing both north and south of
>> this latitude. i¿½In the case of your data, that latitude is 71 south. i¿½
>> FWIW, the northern-hemisphere sea ice data distributed by the NSIDC is
>> centered at 70 north.
>>
>> HTH.
>> Paul
> It does help. Image is better aligned. But still not accurate :(.
```

Is the inaccuracy greater or lesser than one pixel?